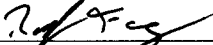


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PATENT
Attorney Docket No.: 061818-5002-US04
Client Ref. No.: 98-207-5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

NICHOLAS L. ABBOTT, *et al.*

Application No.: 10/044,899

Filed: January 9, 2002

For: OPTICAL AMPLIFICATION OF
MOLECULAR INTERACTIONS USING
LIQUID CRYSTALS

Customer No.: 43850

Confirmation Number: 3817

Examiner: Lundgren, Jeffrey S.

Technology Center/Art Unit: 1639

RESPONSE TO FINAL OFFICE ACTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action dated March 1, 2010, please enter the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 19 of this paper.